

## CLAIMS

1. A method of manufacturing an oxide superconductive wire, comprising:  
the step of positioning a metal tape (6) in a position at a distance (L) of at most  
5 100 mm from a target (7) for generating an oxide; and

the step of forming an oxide superconductive layer (12) on said metal tape (6)  
using a vapor deposition method while transferring said metal tape (6) at a transfer  
speed of at most 5 m/h with keeping the distance (L) between said metal tape (6) and  
said target (7) of at most 100 mm.

10

2. The method of manufacturing an oxide superconductive wire according to  
claim 1, wherein

said vapor deposition method is a pulsed laser deposition (PLD) method.

15

3. The method of manufacturing an oxide superconductive wire according to  
claim 1, wherein

said oxide superconductive layer (12) is a rare-earth-barium-copper-based  
superconductive oxide (RE123; RE = rare-earth element, Y).

20